

عنوان مقاله:

Fuzzy Linear system of the form $A B Ax + b = Bx + b$ and Hukuhara Difference

محل انتشار:

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خلاصه مقاله:

In this paper, the α -cut representation and the generalized Hukuhara difference is employed to create $A B Ax + b = Bx + b$ fuzzy linear system. The foundation of the paper is based on the absence of inverse operator in fuzzy arithmetic. This paper aims at finding an unique fuzzy solution for the mentioned system. The effectiveness of the proposed methodology is illustrated by examples.

کلمات کلیدی:

Fuzzy Linear programming, Hukuhara difference, inverse operator, fuzzy solution

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